REMARKS

Examination of the above-identified patent application in view of the present preliminary amendment is respectfully requested.

The present preliminary amendment cancels claims 1-12 and adds new claims 13-34. The present amendment also amends the Title of the Invention, amends minor errors in the specification, and cancels two paragraphs of the Abstract.

Attached hereto is a marked-up version of the changes made to the Title, Abstract, Specification and Claims by the current preliminary amendment. The attached page is captioned **"Version with markings to show changes made."**

Please charge any deficiency or credit any overpayment in the fees for this amendment to our Deposit Account No. 20-0090.

Respectfully submitted,

Barry L. Tummino
Reg. No. 29,709

TAROLLI, SUNDHEIM, COVELL,
TUMMINO & SZABO L.L.P.
1111 Leader Building
526 Superior Avenue
Cleveland, Ohio 44114-1400
Phone: (216) 621-2234
Fax: (216) 621-4072

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE TITLE:

The title has been amended as follows:

~~**WHEEL PARAMETER MEASURING SYSTEM AND MEASURING DETECTOR FOR SUCH A SYSTEM**~~

MEASURING SYSTEM FOR WHEEL PARAMETERS AND MEASURING DETECTOR FOR SUCH A SYSTEM

IN THE ABSTRACT:

The Abstract has been amended as follows:

ABSTRACT

~~MEASURING SYSTEM FOR WHEEL PARAMETERS AND MEASURING DETECTOR FOR SUCH A SYSTEM~~

Measuring system for measuring at least one parameter indicative of the state of the tires of a vehicle, which comprises on each wheel a detector (12) having a parameter sensor (13) and an antenna (15) tuned to a defined frequency, and which comprises a central data processing unit (24) coupled by individual wire links (22) to fixed antennas that are installed near the wheels equipped with sensors. Each parameter sensor comprises a transponder associated with a capacitor to store the power from the associated fixed antenna. At least one of the fixed and mobile antennas is configured in such a way that the link with the other antenna corresponding to the same wheel is substantially independent of the angular position of the wheel.

~~Figure 1~~

IN THE SPECIFICATION:

The fourth paragraph on page 2, has been amended as follows:

A system of this type, described in ~~US A-6,541,574,~~ U.S. Patent No. 5,541,574, comprises a tube that is sufficiently elastic to be slipped over the edge of the wheel rim so that it rests against the wheel rim and contains the sensor and the antenna.

The last paragraph beginning on page 5 and continuing on page 6, has been amended as follows:

Each load wheel 10 of the vehicle, and possibly also the spare wheel, is equipped with a temperature and/or pressure detector 12, hereinafter referred to as "parameter detector," for sending a message that contains information on at least one and often two or more parameters. For this purpose, each detector 12 comprises a ~~capacitor~~ sensor 13 having a radio frequency transmitter-receiver, which generally operates in a band ranging from 100 to 500 kHz or approximately 13.56 MHz, substantially lower than the UHF band (above 300 MHz) typically used in the prior art, and an antenna 15. A read housing 16, installed near the wheel rim and generally carried by the part of the suspension integral with the wheel, is linked to an antenna 18 tuned to the transmitting frequency of the transmitter/receiver of sensor 13. A wire link 22 comprising at least a signal

conductor, a line conductor and a ground conductor links the housing 16 to a central computation and processing unit 24.

IN THE CLAIMS:

Claims 1-12 have been cancelled.

Claims 13-34 have been added.